Zoomorphologie

An International Journal of Comparative and Functional Morphology

Volume/Band 91 1978

Editors/Herausgeber

P. Ax, Göttingen
W. Bock, New York
R. B. Clark, Newcastle upon Tyne
R. Eakin, Berkeley
D. Kraus, Hamburg
G. Kümmel, Karlsruhe
G. Osche, Freiburg
R. M. Rieger, Chapel Hill
V. Ziswiler, Zürich

Springer International

Founded and edited in 1924 by P. Buchner and P. Schulze as „Zeitschrift für wissenschaftliche Biologie, Abt. A: Zeitschrift für Morphologie und Ökologie der Tiere".

From Vol. 29 (1934) to Vol. 60 (1967) "Zeitschrift für Morphologie und Ökologie der Tiere". From Vol. 61 (1967) to Vol. 81 (1975) "Zeitschrift für Morphologie der Tiere".

The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproduction, also in microform, is transferred to the publisher.

The use of registered names, trademarks, etc. in this journal does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

Springer-Verlag, Berlin · Heidelberg · New York
Printed in Germany by Universitätsdruckerei H. Stürtz AG, Würzburg
© by Springer-Verlag, Berlin · Heidelberg 1978

Contents/Inhalt

Altner, H., Thies, G.: The Multifunctional Sensory Complex in the Antennae of *Allacma fusca* (Insecta) 119
Bock, W.J., Winkler, H.: Mechanical Analysis of the External Forces on Climbing Mammals 49
Combes, C., s. Fournier, A. 147
Ducret, F.: Particularités structurales du système optique chez deux Chaetognathes (*Sagitta tasmanica et Eukrohnia hamata*) et incidences phylogénétiques 201
Ferraris, J.D.: Neurosecretion in Selected Nemertina 275
Fournier, A., Combes, C.: Structure of Photoreceptors of *Polystoma integerrimum* (Platyhelminths, Monogenes) 147
Gardiner, S.L.: Fine Structure of the Ciliated Epidermis on the Tentacles of *Owenia fusiformis* (Polychaeta, Oweniidae) 37
Gewecke, M., s. Niehaus, M. 19
Holl, A., s. Riehl, R., et al. 133
Hughes, R.L., Jr., Woollacott, R.M.: Ultrastructure of Potential Photoreceptor Organs in the Larva of *Scrupocellaria bertholetti* (Bryozoa) 225
Kolb, G.: Zur Rhabdomstruktur des Auges von *Pieris brassicae* L. (Insecta, Lepidoptera) 191
Kratochvil, H.: Der Bau des Lautapparates vom Knurrenden Gurami (*Trichopsis vittatus* Cuvier & Valenciennes) (Anabantidae, Belontiidae) 91
Martin, G.G.: The Duo-Gland Adhesive System of the Archiannelids *Protodrilus* and *Sacchocirrus* and the Turbellarian *Monocelis* . . 63
Martin, G.G.: A new Function of Rhabdites: Mucus Production for Ciliary Gliding 235
Martin, G.G.: Ciliary Gliding in Lower Invertebrates 249
Niehaus, M., Gewecke, M.: The Antennal Movement Apparatus in the Small Tortoiseshell (*Aglais urticae* L., Insecta, Lepidoptera) 19
Rieger, R.M., s. Westheide, W. 1
Riehl, R., Holl, A., Schulte, E.: Morphologische und feinstrukturelle Untersuchungen an dem Gonopodium von *Heterandria formosa* Agassiz, 1835 (Pisces, Poeciliidae) 133
Rieppel, O.: Tooth Replacement in Anguinomorph Lizards 77
Schmalfuss, H.: Morphology and Function of Cuticular Micro-Scales and Corresponding Structures in Terrestrial Isopods (Crust., Isop., Oniscoidea) 263
Schulte, E., s. Riehl, R., et al. 133
Thies, G., s. Altner, H. 119
Wedekind, H.P.: Riesenzellen im Bulbus olfactorius von Teleosteern Giant Cells in the Olfactory Bulb of Teleostean Fishes 217
Westheide, W.: Ultrastructure of the Genital Organs in Interstitial Polychaetes. I. Structure, Development and Function of the Copulatory Stylets in *Microphthalmus* cf. *listensis* 101
Westheide, W., Rieger, R.M.: Cuticle Ultrastructure of Hesionid Polychaetes (Annelida) 1
Wilkie, I.C.: Functional Morphology of the Autotomy Plane of the Brittlestar *Ophiocomina nigra* (Abildgaard) Ophiuroidea, Echinodermata) 289
Winkler, H., s. Bock, W.J. 49
Witte, H.: Die postembryonale Entwicklung und die funktionelle Anatomie des Gnathosoma in der Milbenfamilie Erythraeidae (Acarina, Prostigmata) 157
Woollacott, R.M., s. Hughes, L.R., Jr. 225

Indexed in Current Contents